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PTO/SB/01A (08-03)
Approved for use through 06/30/2006, OMB 0651-0032

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

| Title of Invention  | •   | ESS FOR THE BIOLO   | OGICAL PRODUCT  | ION OF 1,3-PROF                         | PANEDIOL WITH HIGH YIELD   |
|---|---|---|---|---|--|
| As the below name   |   |   |   | <del>-</del>                            |  |
| This declaration is d   |   | or(s), I/we declare tha<br>to:  | ıc  |   |  |
|   |   | ,   |   |   |  |
|   |   | The attached applic   | -   |   |  |
| •   | 4   | Application No  | 10/680286   | , filed on                              | October 06, 2003   |
|   |   | as amended o  | n   |   | ·(if applicable);  |
| I/we believe that I/w<br>sought;  | e am/ar   | e the original and firs   | t inventor(s) of the  | subject matter wh                       | ich is claimed and for which a patent is   |
| I/we have reviewed amendment specific   | and unc<br>ally refe                                | derstand the contents med to above;   | of the above-identil  | lied application, in                    | cluding the claims, as amended by any  |
| material to patentab  | ility as o<br>etween                                | defined in 37 CFR 1.5<br>the filing date of the   | 56, including for cor   | ntinuation-in-part a                    | ce all information known to me/us to be applications, material information which or PCT International filing date of the   |
| to be true, and furth   | ner that<br>r impris                                | these statements we   | ere made with the l   | knowledge that w                        | n on information and belief are believed<br>dilful false statements and the like are<br>ze the validity of the application or any  |
| FULL NAME OF INV  | ENTOR   | )(e)  |   |   |  |
|   |   | • •   |   |   |  |
| 01  |   | TE A. CERVIN  |   |   |  |
| Signature:  | pul   | a Ce  | Citizen of:   | CA                                      |  |
| Inventor two: PHIL  | IPPE S  | OUCAILLE  |   |   |  |
| Signature;  |   |   | Citizen of:   | FR                                      |  |
| Inventor three: FERI  | ODNAN   | VALLE   |   |   |  |
| Signature:  |   |   | Citizen of:   | MX                                      |  |
| Inventor four:  |   |   |   |   |  |
| Signature:  |   |   | Citizen of:   |   |  |
| Additional Inven  | tors or a   | legal representativa ara  | being named on  |   | additional form(s) attached hereto.  |
| This collection of informatio<br>(and by the USPTO to pro<br>complete, including gather | on is requi<br>cess) and<br>og, prepa<br>of time yo | red by 35 U.S.C. 115 and sapplication. Confidentiality in fing, and submitting the courseuries this for equire to complete this for | 37 CFR 1.63. The information of the control of the | 122 and 37 CFR 1.14 to the USPTO Time v | sin or retain a benefit by the public which is to file  This collection is estimated to take 1 minute to will vary depending upon the Individual case, Any n, should be sent to the Chief Information Officer. |

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## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN **APPLICATION DATA SHEET (37 CFR 1.76)**

| Title of Invention  | PROCE                                  | ES           | S FO                            | R THE                                 | BIOL                              | OGIO                          | CAL PR                             | ODUC  | TIC                            | N OF                                     | 1,3-F                          | ROPA                                      | NE                   | DIOL                    | WIT                         | НН                   | IGH                    | YIEL               | .D                              |                                |
|---|--|--------------|---------------------------------|---------------------------------------|-----------------------------------|-------------------------------|------------------------------------|---|--------------------------------|--|--------------------------------|---|----------------------|-------------------------|-----------------------------|----------------------|------------------------|--------------------|---------------------------------|--------------------------------|
| Sign of Hivehillon  | Docket                                 | No           | o. CL2                          | 2180 L                                | JSNA                              |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| As the below name   |  | •            |                                 | e decl                                | lare th                           | nat:                          |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 | •                              |
| This declaration is directed to:  |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
|   |  | Т            | The at                          | tached                                | d appl                            | icatio                        | n, or                              |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
|   | <b>V</b>                               | ļ            | Applic                          | ation I                               | No                                |                               | 10/680                             | 286   |                                | , fi                                     | led on                         |   |                      | Octo                    | ber (                       | 26, 2                | 2003                   |                    | <u> </u>                        |                                |
|   |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    | able);                          |                                |
| I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;   |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;   |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.                 |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
|   |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| FULL NAME OF INVENTOR(S)  |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Inventor one: MAF   | Inventor one: MARGUERITE A. CERVIN     |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Signature:  |  |              | _                               |                                       |                                   |                               | c                                  | itizen d  | of: _                          | CA                                       |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Inventor two: PHIL  | IPPE S                                 | ΟL           | UCAIL                           | LE                                    |                                   |                               |                                    |   |                                |  |                                | _   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Signature:  |  | $\leq$       |                                 |                                       |                                   |                               | c                                  | itizen d  | of: _                          | FR                                       |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Inventor three: FER   | NANDO                                  | ) V          | ALLE                            | · · · · · · · · · · · · · · · · · · · |                                   |                               |                                    |   |                                |  |                                |   |                      |                         | _                           |                      |                        |                    |                                 |                                |
| Signature:  |  |              |                                 |                                       |                                   |                               | c                                  | itizen d  | of: _                          | мх                                       |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Inventor four:  |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Signature:  |  |              |                                 |                                       |                                   |                               | c                                  | itizen d  | of: _                          |  |                                |   |                      |                         |                             |                      |                        |                    |                                 |                                |
| Additional inver  |  |              |                                 |                                       |                                   |                               |                                    |   |                                |  |                                |   |                      |                         |                             |                      |                        |                    | hereto                          |                                |
| This collection of Informat<br>(and by the USPTO to promplete, including gathe<br>comments on the amount<br>U.S. Patent and Trademai  | ocess) an<br>ring, prepa<br>of time yo | erin<br>arin | plication<br>ng, and<br>require | n. Confi<br>submitti<br>to comp       | identiali<br>ling the<br>plete th | ty is go<br>compli<br>is form | overned t<br>eted appl<br>and/or s | oy 35 U.:<br>ication fo<br>uggestio<br>1450, Al | S.C.<br>orm t<br>ns fo<br>exan | 122 an<br>o the L<br>r reduc<br>dria, VA | d 37 CI<br>JSPTO.<br>Sing this | R 1.14.<br>Time wi<br>burden,<br>-1450. C | This<br>il va<br>sho | collectry dep<br>uid be | tion is<br>ending<br>sent t | esti<br>upo<br>o the | mated<br>n the<br>Chie | individ<br>individ | ke 1 mi<br>Juat cas<br>mation ( | nule to<br>se. Any<br>Officer, |

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## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

| Title of Invention                                | PROCE   | ESS F                         | FOR THE BIOLO   | OGICAL PRODUCT  | ION OF 1,3-PRO   | PANEDIOL WITH HIGH YIELD   |
|---|---|-------------------------------|---|---|--|--|
| Trac or invention                                 | Docket  | No. (                         | CL2180 USNA   |   |  |  |
| As the below name                                 | d invento   | or(s).                        | I/we declare tha  | t   |  |  |
| This declaration is d                             |   |                               |   |   |  |  |
|   |   | . The                         | attached applic   | ation or  |  |  |
|   | <b>☑</b>  |                               | •   | -   |  |  |
|   | ٦   | App                           | olication No  | 10/680286   | , filed on   | October 06, 2003   |
|   |   |                               | as amended o  | n   |  | (if applicable);   |
| I/we believe that I/w<br>sought;                  | e am/ar   | e the                         | original and firs   | t inventor(s) of the  | subject matter wh  | nich is claimed and for which a patent is  |
| I/we have reviewed amendment specific             | and und<br>ally refer                                     | erstai                        | nd the contents<br>above;   | of the above-Identi   | fied application, ir   | ncluding the claims, as amended by any   |
| material to patentab                              | ility as d<br>etween                                      | lefine<br>the fi              | d in 37 CFR 1.9   | 56. includina for ca  | ntinuation-in-part   | ice all information known to me/us to be applications, meterial information which or PCT international filing date of the  |
| I to be true, and furth                           | her that<br>Ir imprisc                                    | these                         | e statements we   | ere made with the   | knowledge that v   | n on information and belief are believed villful false statements and the like are ize the validity of the application or any  |
|   |   |                               |   |   |  |  |
| FULL NAME OF INV                                  | ENTOR   | (S)                           |   |   |  |  |
| Inventor one: MAR                                 | GUERIT  | ΓE A.                         | CERVIN  |   | •  |  |
| Signature:  | · · · · · · · · · · · · · · · · · · ·                     |                               |   | Citizen of:   | CA   |  |
| Inventor two: PHIL                                | IPPE 30   | OUCA                          | VILLE   |   |  |  |
| Signature:  |   |                               |   | Citizen of:   | FR   |  |
| Inventor three: FERI                              | NANDO   | VALL                          | E   |   |  |  |
| Signature:  | ورب ه   | ചർമ                           | Valle   | Citizen of:   | мх   |  |
| Inventor four:                                    |   |                               |   |   |  |  |
| Signature:  |   |                               | ·   | Citizen of:   |  | ÷  |
| Additional inven                                  | tors or a l   | legal r                       | epresentative are   | being named on  |  | additional form(s) attached hereto.  |
| complete, including gather comments on the amount | icess) an e<br>ing, prepar<br>of timo you<br>c Office. U. | ing, an<br>I requir<br>3. Dec | ion. Confidentiality is<br>id submitting the cor<br>to to complete this for<br>eartment of Commercial | s governed by 35 U.S.C. ripleted application form orm and/or auggestions to se. P.O. Box 1450, Alexan | . 122 and 37 CFR 1.14 to the USPTO, Time of the USPTO, Time of the burden of this burden and the VA 22313-1450 | ain or retain a benealt by the public which is to file<br>4. This collection is estimated to take 1 minute to<br>will vary depending upon the individual case. Any<br>n, should be sent to the Chief information Officer,<br>DO NOT SEND FEES OR COMPLETED FORMS |

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Application Number | 10/680286

Filing Date | October 06, 2003

First Named Inventor | Marquerite A. Cervin Et. Al.

PROCESS FOR THE BIOLOGICAL PRODUCTION OF

Title | 1,3-PROPANEDIOL WITH HIGH YIELD

Art Unit 1645 | Examiner Name

Attorney Docket Number | CL2180USNA

| Practitioners at Customer Number:   23906  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
| OR    Practitioner(s) named below:    Name   |  |  |  |  |  |  |  |  |
| Practitioner(s) named below:    Name   |  |  |  |  |  |  |  |  |
| Name  Registration Number  as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.  Please recognize or change the correspondence address for the above-identified application to:  The above-mentioned Customer Number:  OR  The address associated with Customer Number:  OR  Individual Name  Address  City  Country  Telephone  Telephone  Fax  Applicant/Inventor,  Assignee of record of the entire interest. See 37 CFR 3.71. |  |  |  |  |  |  |  |  |
| as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.  Please recognize or change the correspondence address for the above-identified application to:  The above-mentioned Customer Number:  OR  The address associated with Customer Number:  OR  Individual Name  Address  City  Country  Telephone  I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.                                 |  |  |  |  |  |  |  |  |
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| Trademark Office connected therewith.  Please recognize or change the correspondence address for the above-identified application to:  The above-mentioned Customer Number:  OR  The address associated with Customer Number:  OR  Firm or Individual Name  Address  Address  City  Country  Telephone  I am the:  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| Trademark Office connected therewith.  Please recognize or change the correspondence address for the above-identified application to:  The above-mentioned Customer Number:  OR  The address associated with Customer Number:  OR  Firm or Individual Name  Address  Address  City  Country  Telephone  I am the:  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| Trademark Office connected therewith.  Please recognize or change the correspondence address for the above-identified application to:  The above-mentioned Customer Number:  OR  The address associated with Customer Number:  OR  Firm or Individual Name  Address  Address  City  Country  Telephone  I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  |  |  |  |  |  |  |  |  |
| The above-mentioned Customer Number:  OR  The address associated with Customer Number:  OR  If Imm or Individual Name  Address  Address  City  Country  Telephone  I am the:  Assignee of record of the entire interest. See 37 CFR 3.71.  |  |  |  |  |  |  |  |  |
| The address associated with Customer Number:  OR  Firm or Individual Name Address  Address  City State Zip  Country  Telephone Fax  I am the:  Y Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  |  |  |  |  |  |  |  |  |
| The address associated with Customer Number:  OR  Firm or Individual Name  Address  Address  City  Country  Telephone  I am the:  ✓ ' Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| OR  Firm or Individual Name  Address  Address  City State Zip  Country  Telephone Fax  I am the:  ✓ Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| OR  Firm or Individual Name  Address  Address  City State Zip  Country  Telephone Fax  I am the:  ✓ Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| Firm or Individual Name  Address  Address  City  Country  Telephone  I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| Individual Name  Address  Address  City  Country  Telephone  I am the:  ✓ Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| Address  City State ZIp  Country  Telephone Fax  I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| City Country Telephone   Fax     am the:   Applicant/Inventor.   Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| Country Telephone Fax I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  |  |  |  |  |  |  |  |  |
| Telephone Fax  I am the:  Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| l am the:  ✓ Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.  |  |  |  |  |  |  |  |  |
| Applicant/Inventor.  Assignee of record of the entire interest. See 37 CFR 3.71.   |  |  |  |  |  |  |  |  |
| Assignee of record of the entire interest. See 37 CFR 3.71.  |  |  |  |  |  |  |  |  |
| Assignee of record of the entire interest. See 37 CFR 3.71.  |  |  |  |  |  |  |  |  |
| Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)  SIGNATURE of Applicant or Assignee of Record   |  |  |  |  |  |  |  |  |
| Name Marquerite A. Cervin  |  |  |  |  |  |  |  |  |
| Signature Mayoute A. Ch.   |  |  |  |  |  |  |  |  |
| Date Telephone 650-846-7578  |  |  |  |  |  |  |  |  |
| NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

This collection of information is required by 37 CFR 1,31 and 1,33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/680286 Filing Date October 06, 2003 First Named Inventor | Marguerite A. Cervin Et. Al. PROCESS FOR THE BIOLOGICAL PRODUCTION OF 1,3-PROPANEDIOL WITH HIGH YIELD Title Art Unit 1645 Examiner Name Unknown Attorney Docket Number | CL2180USNA

| I herel   | by appoint:  |                                |                       |  |  |  |  |  |  |  |  |
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| <b>6</b>  | Applicant/Inventor.  |                                |                       |  |  |  |  |  |  |  |  |
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| Name  | Philippe Soucaille   |                                |                       |  |  |  |  |  |  |  |  |
| Signal  |  |                                |                       |  |  |  |  |  |  |  |  |
| Date  | 0  | 410712004                      |                       | Telephone +33 561816957                            |  |  |  |  |  |  |  |
|   | Signatures of all the Inventors or assigneed more than one signature is required, see to |                                | or their representati | ve(s) are required. Submit multiple                |  |  |  |  |  |  |  |
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Application Number 10/680286

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|-----------|------------------------|--|----------|
| Filing Da | 3 <b>te</b>            | October 06, 2003                                       |          |
| First Na  | med inventor           | Marguerite A. Cervin Et. Al.                           |          |
| Title 1,3 | ROCESS FO<br>B-PROPANE | R THE BIOLOGICAL PRODUCTION OF<br>DIOL WITH HIGH YIELD | <u> </u> |
| Art Unit  | 1645                   | Examiner Name  |          |
|           |                        |  |          |

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| am the:   |                                  |  |                     |                   |                                    |  |  |  |
| Applicant/Inventor  | •                                |  |                     |                   |                                    |  |  |  |
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|   |                                  | SIGNATURE of Applicant                     |                     | Record            |                                    |  |  |  |
| Name Marguerite   | Cervin F                         | ERNANDO VA                                 | LLE                 |                   |                                    |  |  |  |
| Signature   | Fernanda La                      | A-   | ****                |                   |                                    |  |  |  |
| Date 04 -   | 07- 200                          | 4  | •                   | Telephone         | 650-846-3678 7669                  |  |  |  |
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